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Camarotella symploci T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 71, 1950 on Symplocos foliosa.

Catacauma elettariae T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 99, 1950 on Elettaria cardamomum.

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Ceratellopsis aciculata (Dur. & Lév.) Corner, A Monograph of Clavaria and Allied Genera, p. 200, 1950. (Syn. Pistillaria aciculata Dur.

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careyae T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 105, 1950 on Careya arborea.--Madras.

- dalbergicola T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 106, 1950 on Dalbergia volubilis.—Madras.

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- tungurahuensis Petrak in Sydowia, 4, p. 574, 1950 on Pennisetum ?bambusiforme. -Ecuador.

tylophorae T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 108, 1950 on Tylophora asthmatica.—Madras.

Cercosporella azimae Thirumalachar & Narasimhan in Sydowia, 4, p. 66, 1950 on Azima tetracantha.-India.

- barnadesiae Petrak in Sydowia, 4, p. 575, 1950 on Barnadesia parviflora.—Ecuador.

leucadis Uppal, Patel, & Bhide in Indian Phytopathology, 2, p. 177, 1949 [1950] on Leucas stelligera.—India.

- thespesiae Thirumalachar & Narasimhan in Sydowia, 4, p. 66, 1950 on Thespesia populnea .- India.

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Ceuthospora gloriosa Malan in Ann. Accad. Agric. Torino, 89, p. 25, 1947 on Yucca gloriosa; state of Diaporthe gloriosa Sacc. & Speg.—Italy.

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var. ledi Savile in Canad. J. Res., Sect. C, 28, p. 342, 1950. [The type variety of the

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var. rhododendri (DC.) Savile in Canad. J. Res., Sect. C, 28, p. 325, 1950. (Syn. C. rhododendri (DC.) de Bary).

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-filipes Corner nom. nov., A Monograph of Clavaria and Allied Genera, p. 365, 1950. (Syn. Clavaria filipes sensu Coker, non B. & Rav.).

flavella (Berk. & Curt.) Corner, A Monograph of Clavaria and Allied Genera, p. 365, 1950. (Syn. Clavaria flavella Berk. & Curt.).

- fleischeriana (P. Henn.) Corner, A Monograph of Clavaria and Allied Genera, p. 366, 1950. (Syn. Clavaria fleischeriana P. Henn.). - fruticula Corner, A Monograph of Clavaria

and Allied Genera, p. 694, 1950 on bare earth.

-fusiformis (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 367, 1950. (Syn. Clavaria fusiformis Fr.).

- griseola (Rea) Corner, A Monograph of Clavaria and Allied Genera, p. 370, 1950. (Syn. Clavaria griseola Rea).

- hastula Corner, A Monograph of Clavaria and Allied Genera, p. 694, 1950 in the forest. -Malaya.

- helvola (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 372, 1950. (Syn. Clavaria helvola Fr.).

- var. geoglossoides Corner, A Monograph of Clavaria and Allied Genera, p. 694,

1950 on lawns.—France. - holmskjoldii (Oud.) Corner, A Monograph of Clavaria and Allied Genera, p. 373, 1950.

(Syn. Clavaria holmskjoldii Oud.). - ledermanni (Bres.) Corner, A Monograph

of Clavaria and Allied Genera, p. 374, 1950.

(Syn. Clavaria ledermanni Bres.). - liguloides (P. Henn. & Nym.) Corner, A Monograph of Clavaria and Allied Genera, p. 374, 1950. (Syn. Clavaria liguloides P. Henn. & Nym.).

· luteo-alba (Rea) Corner, A Monograph of Clavaria and Allied Genera, p. 374, 1950.

(Syn. Clavaria luteo-alba Rea).

- var. latispora Corner, A Monograph of Clavaria and Allied Genera, p. 694, 1950.-Europe.

var. longispora Corner, A Monograph of Clavaria and Allied Genera, p. 694, 1950 .-

Germany, Italy.

- luteo-ochracea (Cavara) Corner, A Monograph of Clavaria and Allied Genera, p. 376, 1950. (Syn. Clavaria luteo-ochracea Cavara).

- luteostirpata (Fawcett) Corner, A Monograph of Clavaria and Allied Genera, p. 377, 1950. (Syn. Clavaria luteostirpata Fawcett).

- luteo-tenerrima (v. Ov.) Corner, A Mono-

graph of Clavaria and Allied Genera, p. 377. 1950. (Syn. Clavaria luteo-tenerrima v. Ov.).

-luticola (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 378, 1950. (Syn. Clavaria luticola Fr.).

macouni (Peck) Corner, A Monograph of Clavaria and Allied Genera, p. 378, 1950. (Syn. Clavaria macouni Peck).

-michelii (Rea) Corner, A Monograph of Clavaria and Allied Genera, p. 378, 1950. (Syn. Clavaria michelii Rea).

- miniata (Berk.) Corner, A Monograph of Clavaria and Allied Genera, p. 378, 1950.

(Syn. Clavaria miniata Berk.).

-var. rosacea Corner, A Monograph of Clavaria and Allied Genera, p. 694, 1950.— Asia trop.

- var. sanguinea Corner, A Monograph of Clavaria and Allied Genera, p. 694, 1950 .-

Asia & Australasia trop.

- minutula (Bourd. & Galz.) Corner, A Monograph of Clavaria and Allied Genera, p. 383, (Syn. Clavaria minutula Bourd. & Galz.).

- ochracea Corner nom. nov., A Monograph of Clavaria and Allied Genera, p. 383, 1950.

(Syn. Clavaria pulchra sensu v. d. Bijl).
- patagonica (Speg.) Corner, A Monograph
of Clavaria and Allied Genera, p. 383, 1950. (Syn. Clavaria patagonica Speg.).

pogonati (Coker) Corner, A Monograph of Clavaria and Allied Genera, p. 384, 1950.

(Syn. Clavaria pogonati Coker).

propera (Bourd.) Corner, A Monograph of Clavaria and Allied Genera, p. 384, 1950. (Syn. Clavaria propera Bourd.).

puiggarii (Speg.) Corner, A Monograph of Clavaria and Allied Genera, p. 384, 1950.

(Syn. Clavaria puiggarii Speg.).

pulchra (Peck) Corner, A Monograph of Clavaria and Allied Genera, p. 384, 1950. (Syn. Clavaria pulchra Peck).

pusilla (Coker) Corner, A Monograph of Clavaria and Allied Genera, p. 386, 1950. (Syn. Lachnocladium pusillum Coker).

rufipes (Atk.) Corner, A Monograph of Clavaria and Allied Genera, p. 386, 1950.

(Syn. Clavaria rufipes Atk.).

semivestita (Berk. & Br.) Corner, A Monograph of Clavaria and Allied Genera, p. 387, 1950. (Syn. Clavaria semivestita Berk. & Br.).

- similis Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950 in woods.-Malaya.

- spathuliformis (Bres.) Corner, A Monograph of Clavaria and Allied Genera, p. 388, 1950. (Syn. Clavaria spathuliformis Bres.).

- spiralis (Jungh.) Corner, A Monograph of Clavaria and Allied Genera, p. 388, 1950.

(Syn. Clavaria spiralis Jungh.).

- subfastigiata (Britzm.) Corner, A Monograph of Clavaria and Allied Genera, p. 390, 1950. (Syn. Clavaria subfastigiata Britzm.).

subflava (Britzm.) Corner, A Monograph of Clavaria and Allied Genera, p. 391, 1950. (Syn. Clavaria subflava Britzm.).

subtilis (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 391, 1950.

(Syn. Clavaria subtilis Fr.) - subumbrinella (Imai) Corner, A Monograph of Clavaria and Allied Genera, p. 392,

1950. (Syn. Clavaria subumbrinella Imai). sulphurascens (Schw.) Corner, A Monograph of Clavaria and Allied Genera, p. 392, 1950. (Syn. Clavaria sulphurascens Schw.).

- tenella (Boud.) Corner, A Monograph of Clavaria and Allied Genera, p. 392, 1950.

(Syn. Clavaria tenella Boud.).

tenerrima (Mass. & Crossl.) Corner, A Monograph of Clavaria and Allied Genera. p. 392, 1950. (Syn. Clavaria tenerrima Mass. & Crossl.).

- tenuicula (Bourd. & Galz.) Corner, A Monograph of Clavaria and Allied Genera, p. 392, (Syn. Clavaria tenuicula Bourd. & 1950.

Galz.).

tetragona (Schw.) Corner, A Monograph of Clavaria and Allied Genera, p. 393, 1950. (Svn. Clavaria tetragona Schw.)

umbrina (Lév.) Corner, A Monograph of Clavaria and Allied Genera, p. 393, 1950.

(Syn. Clavaria umbrina Lév.)

umbrinella (Sacc.) Corner, A Monograph of Clavaria and Allied Genera, p. 393, 1950.

(Syn. Clavaria umbrinella Sacc.)

vernalis (Schw.) Corner, A Monograph of Clavaria and Allied Genera, p. 394, 1950. (Syn. Clavaria vernalis Schw.).

Clitocybe rosella (Lange) Moser in Sydowia, 4, p. 100, 1950. (Syn. Omphalia rosella Lange).

Colletotrichum godetiae Neergaard. (This Index, i, p. 205) Latin diagnosis provided in

Friesia, 4, p. 72, 1950.

Collybia pudens (Pers.) Lundell in Fungi Exsiccati Suecici Praesertim Upsalienses, 35-36, p. 9, 1949. (Syn. Agaricus pudens

Coltricia acupunctata (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 216, 1950. (Syn. Trametes acupunctata Berk.).

- brunneo-leuca (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 220, 1950. (Syn. Polyporus brunneo-leucus Berk.).

- fruticum (Berk. & Curt.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 226, 1950. (Syn. Polyporus fruticum Berk. & Curt.).

— haskarlii (Lév.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 228, 1950. (Syn. Polyporus haskarlii Lév.).

- placodes (Kalch.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 236, 1950. (Syn.

Polyporus placodes Kalch.).

weberiana (Bres. & P. Henn. ex Sacc.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 247, 1950. (Syn. Fomes weberianus Bres. & P. Henn. ex Sacc.).

Comatricha mirabilis Benjamin & Poitras in Mycologia, 42, p. 515, 1950 on goat dung.—

Illinois, U.S.A.

Coniothyrium atraphaxidis Esfandiari in Sydowia, 4, p. 26, 1950 on Atraphaxis spinosa.—Iran.

Conocybe albocinerea Singer in Sydowia, 4,

p. 130, 1950.—Asia.

antipoda (Lasch) Kühner f. floridana (Murr.) Singer in Sydowia, 4, p. 131, 1950. (Syn. Galerula floridana Murr.).

- crispella (Murr.) Singer in Sydowia, 4, p. 132, 1950. (Syn. Galerula crispella Murr.). intrusa (Peck) Singer in Sydowia, 4, p. 133, 1950. (Syn. Cortinarius intrusus Peck).

- lentispora Singer in Sydowia, 4, p. 134,

1950.—Argentina.

- magnispora (Murr.) Singer in Sydowia, 4, p. 135, 1950. (Syn. Galerula magnispora Murr.).

plumbeitincta (Atk.) Singer in Sydowia. 4, p. 137, 1950. (Syn. Galerula plumbeitincta Atk.). - f. ocracea (Kühner) Singer in Sydowia, 4, p. 137, 1950. (Syn. C. siliginea var. ocracea Kühner).

- subcrispa (Murr.) Singer in Sydowia, 4, p. 139, 1950. (Syn. Galerula subcrispa Murr.)

- subvelata Singer in Sydowia, 4, p. 139,

1950.—Argentina.

\*- tenera (Fr.) Fayod f. excentrica Singer in Sydowia, 4, p. 140, 1950.—Argentina Coriolus albo-vestidus (Lloyd) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 216, 1950.

(Svn. Polystictus albo-vestidus Lloyd). - ambiguus (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 216, 1950. (Syn.

Daedalea ambigua Berk.)

beckleri (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 218, 1950. (Syn. Polyporus beckleri Berk.).

- blumei (Lév.) Cunningham in Proc. Linn. Soc. N.S.W., **75**, p. 219, 1950. (Syn. Polyporus blumei Lév.).

bowmani (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 219, 1950. (Syn. Daedalea bowmani Berk.).

carneo-niger (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 221, 1950. (Syn. Polyporus carneo-niger Berk.).

cingulatus (Fr.) Cumningham in Proc. Linn. Soc. N.S.W., 75, p. 221, 1950. (Syn. Polyporus cingulatus Fr.).

corrugatus (Pers.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 222, 1950. (Syn. Polyporus corrugatus Pers.).

epitephrus (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 225, 1950. (Syn. Trametes epitephra Berk.).

- flabelliformis (Kl.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 226, 1950. (Syn. Polyporus flabelliformis Kl.).

· lactineus (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 229, 1950. (Syn. Polyporus lactineus Berk.).

leoninus (Kl.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 230, 1950. (Syn. Polyporus leoninus Kl.).

meyenii (Kl.) Cunningham in Proc. Linn.

Soc. N.S.W., **75**, p. 232, 1950. (Syn. Polyporus meyenii Kl.).

occidentalis (Kl.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 233, 1950. (Syn. Polyporus occidentalis Kl.).

paleaceus (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 234, 1950. (Syn. Trametes paleacea Fr.)

pargamenus (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 235, 1950. (Syn. Polyporus pargamenus Fr.).

peradeniae (Berk. & Br.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 236, 1950. (Syn. Polyporus peradeniae Berk. & Br.).

sanguineus (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 240, 1950. (Syn. Polyporus sanguineus Fr.).

- sinulosus (Kl.) Cunningham in *Proc. Linn.*Soc. N.S.W., 75, p. 242, 1950. (Syn.
Daedalea sinulosa Kl.).

- sprucei (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 243, 1950. (Syn. Trametes sprucei Berk.).

- subcaperatus (Lloyd) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 243, 1950. (Syn. Polystictus subcaperatus Lloyd.)

xanthopus (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 247, 1950. (Syn. Polyporus xanthopus Fr.).

Corticium aerugineo-lividum Romell ex Lundell in Fungi Exsiccati Suecici Praesertim Upsalienses, 37-38, p. 19, 1950 on wood.— Sweden.

Corynespora hibisci Goto in Ann. phytopath. Soc. Japan, 12, p. 21, 1942 on Hibiscus

syriacus.-Japan.

CREANGIUM Petrak in Sydowia, 4, p. 361, 1950.—Myriangiales.

- sydowii Petrak in Sydowia, 4, p. 361, 1950

on Gynoxis.—Ecuador. Cryptocline andina Petrak in Sydowia, 4, p. 557, 1950 on Miconia ? theaezans.— Ecuador.

CRYPTOPARODIA Petrak in Sydowia, 4,

p. 365, 1950.—Pyrenomycetes.

bispora Petrak in Sydowia, 4, p. 366, 1950 on Solanum crinitipes.—Ecuador. Cryptosporella beltsvillensis Petrak

Sydowia, 4, p. 406, 1950 on Liquidambar styraciflua.—Maryland, U.S.A.

balsameae Cryptosporiopsis Robak in Svensk bot. Tidskr., 44, p. 472, 1950 on Abies balsamea and Abies grandis.—Norway.

diversispora Robak in Svensk bot. Tidskr., 44, p. 471, 1950 on Abies grandis and Picea abies.—Norway. (In place of Diplodia diversispora Robak, this Index, i, p. 279).

Cumminsiella mirabilissima (Peck) Nannf. in Fungi Exsiccati Suecici Praesertim Upsalienses, 31-32, p. 3, 1947. (Syn. Puccinia mirabilissima Peck).

Cylindrosporium dichanthii T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 77, 1950 on Dichanthium annulatum.—Madras.

mappiae Thirumalachar & Narasimhan in Sydowia, 4, p. 69, 1950 on Mappia foetida.-

India.

Cystopus molluginicola T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 97, 1950 on Mollugo nudicaulis .-Madras.

Daedalea subferruginea (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 243, 1950. (Syn. Lenzites subferruginea Berk.).

 ${f DEFLEXULA}$  Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950.-Clavaria-

ceae. Type, D. fascicularis.

- fascicularis (Bres. & Pat.) Corner, A Monograph of Clavaria and Allied Genera, p. 395, 1950. (Syn. Pterula fascicularis Bres.

- lilaceo-brunnea Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950 on

dead branches.—Malaya, Sumatra.

- nivea (Pat.) Corner, A Monograph of Clavaria and Allied Genera, p. 398, 1950. (Syn. Pterula nivea Pat.).

- pacifica (Kobayashi) Corner, A Monograph of Clavaria and Allied Genera, p. 399, 1950. (Syn. Mucronella pacifica Kobayashi).

- ulmi (Peck) Corner, A Monograph of Clavaria and Allied Genera, p. 400, 1950. (Syn. Mucronella ulmi Peck).

Dermatea padi Velen. (1947) (this Index, i, p. 182) is a later homonym of D. padi (Fr.)

Fr. (1849).

Diachora barnadesiae (Syd.) Petrak in Sydowia, 4, p. 468, 1950. (Syn. Phyllachora barnadesiae Syd.).

Didymella pedicularidis von Arx in Sydowia, 4, p. 389, 1950 on Pedicularis foliosa. Switzerland.

Dimerium andicola Petrak in Sydowia, 4, p. 471, 1950 on Meliola ambigua.—Ecuador.

detectum Petrak in Sydowia, 4, p. 473, 1950 on Xenostigmella, etc.—Ecuador.

ecuadoricum Petrak in Sydowia, 4, p. 474, 1950 on Meliola, etc.—Ecuador.

nobile Petrak in Sydowia, 4, p. 476, 1950

on Meliola, etc.—Ecuador. - stromaticola Petrak in Sydowia, 4, p. 477, 1950 on Polystomellaceae.—Ecuador.

DIMORPHOCYSTIS Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950.-Clavariaceae. Type, D. laevis.

- capitatus Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950 on dead

leaves.—Malaya.

laevis Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950 on dead leaves of Eugenia cerina.—Malaya.

subcapitatus Corner, A Monograph of Clavaria and Allied Genera, p. 695, 1950 on dead leaves of Eugenia cerina.—Malaya.

Diplodia longipedicellata T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 78, 1950 on Syzigium montanum. Madras.

Diplodina delphinii Laskaris in Phytopathology, 40, p. 620, 1950 on Delphinium hybrids.
—Connecticut, U.S.A.

Discella cedrelae T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 110, 1950 on Cedrela toona.—Madras.

DONKELLA Doty in Lloydia, 13, p. 14, 1950.

-Clavariaceae.

- corniculata (Fr.) Doty in Lloydia, 13, p. 14, 1950. (Syn. Clavaria corniculata Fr.).

Dothichloe insidiosa Batista in Bol. Agric., Pernambuco, 16, p. 204, 1950 on Scleria bracteata.—Brazil.

Echidnodes patula Petrak in Sydowia, 4, p. 480, 1950 on Buettneria.—Ecuador.

Ectosticta mindoensis Petrak in Sydowia, 4, p. 559, 1950 on Meliola capsicola.—Ecuador. Elachopeltis andina Petrak in Sydowia, 4,

p. 560, 1950 on Vismia.—Ecuador.

Elsinoe mezoneuri T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 70, 1950 on Mezoneurum cucullatum.-EPICREA Petrak in Sydowia, 4, p. 325, 1950.

-Hypocreaceae.

insignis Petrak in Sydowia, 4, p. 325, 1950 on Hypocrella chusqueae.—Ecuador.

Farriola flava Batista in Bol. Agric., Pernambuco, 16, p. 205, 1950 on alga.—Brazil. [Farriola is usually considered to be a lichen].

Fomes durus (Jungh.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 224, 1950. (Syn.

Polyporus durus Jungh.).

ohiensis (Berk.) Murrill var. macrosporus Teixeira n. var. in Bragantia, 8, p. 79, 1948 on wood.—Brazil.

Fomitopsis concava (Cooke) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 222, 1950. (Syn. Fomes concavus Cooke).

- connata (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 222, 1950. (Syn. Polyporus connatus Fr.).

tasmanica (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 244, 1950. (Syn. Polyporus tasmanicus Berk.).

Fusarium mindoanum Petrak in Sydowia, 4, p. 576, 1950 on Dryopteris diplazioides.-Ecuador.

GAEUMANNIA Petrak in Sydowia, 4, p. 337,

1950.—Sphaeriales.

- calospora (Speg.) Petrak in Sydowia, 4, p. 338, 1950. (Syn. Eriosphaeria calospora Speg.).

Geastrum panjabense Ahmad in Sydowia, 4, p. 127, 1950 in deserts.—Pakistan.

Gelasinospora adjuncta Cain in Canad. J. Res., Sect. C, 28, p. 568, 1950 on dog dung.-Germany.

retispora Cain in Canad. J. Res., Sect. C, 28, p. 573, 1950 from seed of Beta vulgaris

var. cicla.—Holland.

Gibbera andina Petrak in Sydowia, 4, p. 488, 1950 on Liabum pallatongense.—Ecuador. inconspicua Petrak in Sydowia, 4, p. 486,

1950 on Liabum hastatum.—Ecuador. - irradians (Pat.) Petrak in Sydowia, 4,

p. 482, 1950 (Syn. Asterina irradians Pat.). liabi (Syd.) Petrak in Sydowia, 4, p. 491, 1950. (Syn. Antennularia liabi Syd.).

- quitensis Petrak in Sydowia, 4, p. 485,

1950 on Liabum.—Ecuador.

- setosa Petrak in Sydowia, 4, p. 489, 1950

on Liabum eggersii.—Ecuador.

Gloeocystidium friesii Lundell n. nom. in Fungi Exsiccati Suecici Praesertim Upsalienses, 37-38, p. 26, 1950. (Syn. G. ochraceum Litsch., non Bres.).

- geogenium (Bres.) Lundell in Fungi Exsiccati Suecici Praesertim Upsalienses, 37-38, p. 24, 1950. (Syn. Corticium geogenium

Bres.).

- punctulatum (Cooke) Lundell in Fungi Exsiccati Suecici Praesertim Upsalienses, 37-38, p. 25, 1950. (Syn. Corticium punctulatum Cooke).

- triste Litsch. & Lundell var. deviatum Lundell in Fungi Exsiccati Suecici Praesertim Upsalienses, 37-38, p. 27, 1950 on wood.— Sweden.

Gloeosporium zonatum T. S. & K. Ramakrishnan in Proc. Indian Acad. Sci., Sect. B, 32, p. 108, 1950 on Coelogyne sp.—Madras.

Graphium irradians Petrak in Sydowia, 4, p. 577, 1950 on Bagnisiopsis.—Ecuador.

GYROTHYRIUM von Arx in Sydowia, 4,

p. 399, 1950.—Microthyriaceae.

westerdijkiae von Arx in Sydowia, 4, p. 399, 1950 on Polygonum sachalinense.— Holland.

Helicosporium insuetum Petrak in Sydowia, 4, p. 579, 1950 on Alsophila hirta.—Ecuador.

Helminthosporium albizzicola\* Thirumalachar & Narasimhan in Sydowia, 4, p. 67, 1950 on Albizzia lebbek.—India.

- chusqueae Petrak in Sydowia, 4, p. 580, 1950 on Chusquea serrulata.—Ecuador.

- erythrinae Thirumalachar & Narasimhan in Sydowia, 4, p. 68, 1950 on Erythrina suberosa. -India.

- insuetum Petrak in Sydowia, 4, p. 581,

1950 on Miconia pichinchensis.—Ecuador. wagateae Thirumalachar & Narasimhan in Sydowia, 4, p. 69, 1950 on Wagatea spicata.—India.

HÉTEROSPORIOPSIS Petrak in Sydowia, 4, p. 521, 1950.—Fungi Imperfecti.

- monilifera (Pat.) Petrak in Sydowia, 4, p. 522, 1950. (Syn. Dimerosporium moniliferum Pat.).

Hexagona dorcadidea (Berk. & Br.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 224, 1950. (Syn. Polyporus dorcadideus Berk. & Br.).

Hormiscium aequatoriense Petrak in Sydowia, 4, p. 582, 1950 on Tessaria integrifolia. -Ecuador.

HORMOMITARIA Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950.-Clavariaceae.

sulphurea Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 on rotten wood.-Malaya.

Humarina luteola (Torrend) Cash apud Ahmad in Sydowia, 4, p. 83, 1950. (Syn. Humaria luteola Torrend)

Hymenostilbe camponoti Mains in Mycologia, 42, p. 586, 1950 on Camponotus sp.—Florida, U.S.A.

- lecaniicola (Jaap) Mains in Mycologia, 42, p. 582, 1950. (Syn. Isaria lecaniicola Jaap).

verrucosa Mains in Mycologia, 42, p. 587, 1950 on spiders.—Maine, U.S.A.

Hypoderma allicina von Arx in Sydowia, 4, p. 392, 1950 on Allium victoriale.—Switzer-

land.

Hysterographium dalbergiae Ahmad in Sydowia, 4, p. 82, 1950 on Dalbergia sissoo.— Pakistan.

Inonotus setiporus (Berk.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 242, 1950. (Syn. Polyporus setiporus Berk.).

INSECTICOLA Mains in Mycologia, 42, p. 577, 1950.—Moniliales. Type, I. clavata.

clavata Mains in Mycologia, 42, p. 577, 1950 on Hapithus agitator quadratus.— Florida, U.S.A.

- fragilis (Petch) Mains in Mycologia, 42, p. 578, 1950. (Syn. Hymenostilbe fragilis

Petch)

- pistillariaeformis (Pat.) Mains in Mycologia, 42, p. 579, 1950. (Syn. Isaria pistillariaeformis Pat.).

Lacellina sacchari Batista in Bol. Agric., Pernambuco, 16, p. 203, 1950 on Saccharum spontaneum var.-Brazil.

Lachnella confluens Batista in Bol. Agric., Pernambuco, 16, p. 206, 1950 on rotten wood.-Brazil.

divaricatum Lachnocladium Pat. var. cinnamomeum Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 in woods.-Malaya.

var. sordidum Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 on

fallen trunks.-Malaya.

- flavidum Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 on rotten wood.-Malaya.

fulvum Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 in woods.-Malaya.

hisingeri (Karst.) Corner, A Monograph of Clavaria and Allied Genera, p. 425, 1950. (Syn. Polyozus hisingeri Karst.).

- molle Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 on humus.-

- zonatum Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950 in woods.-Malaya.

Lachnun tungurahuense Petrak in Sydowia, 4, p. 544, 1950 on Pteridium.—Ecuador.

Lactarius salmoneus Heim & Leclair in Rev. Mycologie, N.S., 15, p. 79, 1950.—France.

semisanguifluus Heim & Leclair in Rev.

Mycologie, N.S., 15, p. 79, 1950.—France. LASIOSTEMMELLA Petrak in Sydowia, 4, p. 376, 1950.—Dimerieae.

sydowii Petrak in Sydowia, 4, p. 376, 1950

on Miconia ?theaezans .- Ecuador.

LENTARIA Corner, A Monograph of Clavaria and Allied Genera, p. 696, 1950.—Clavariaceae. Type, L. surculus.

- afflata (Lagger.) Corner, A Monograph of Clavaria and Allied Genera, p. 438, 1950. (Syn. Clavaria afflata Lagger.).

- byssiseda Corner nom. nov., A Monograph of Clavaria and Allied Genera, p. 439, 1950. (Syn. Clavaria byssiseda sensu auctt.).

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(Syn. Clavaria coronilla Martin).

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(Syn. Clavaria epichnoa Fr.).

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- mucida (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 442, 1950.

(Syn. Clavaria mucida Fr.).

- patouillardii (Bres.) Corner, A Monograph of Clavaria and Allied Genera, p. 444, 1950. (Syn. Clavaria patouillardii Bres.)

- surculus (Berk.) Corner, A Monograph of Clavaria and Allied Genera, p. 444, 1950.

(Syn. Clavaria surculus Berk.).

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- virgata (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 450, 1950. (Syn. Clavaria virgata Fr.).

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- tenuis (Berk.) Cunningham in *Proc. Linn.* Soc. N.S.W., 75, p. 244, 1950. (Syn. Daedalea tenuis Berk.).

- unicolor (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 246, 1950. (Syn. Daedalea unicolor Fr.).

Leptosphaeria albulae Müller in Sydowia, 4, p. 281, 1950 on Lonicera alpiyena.— Switzerland.

- blumeri Müller in Sydowia, 4, p. 275, 1950

on Medicago falcata.—Switzerland.

bomareae Petrak in Sydowia, 4, p. 494, 1950 on Bomarea caldasii.—Ecuador - brauni Müller in Sydowia, 4, p. 246, 1950

on Hieracium murorum.—Switzerland. - centaureae Müller in Sydowia, 4, p. 299,

1950 on Centaurea scabiosa.—Switzerland. - compositarum Müller in Sydowia, 4, p. 213,

1950 on Compositae.—Switzerland. - crucheti Müller nom. nov. in Sydowia, 4, (Syn. Metasphaeria cladii p. 255, 1950. Cruchet, non. L. cladii Cruchet).

- epilobii Müller nom. nov. in Sydowia, 4,

p. 303, 1950. (Syn. Leptosphaeria multiseptata var. alpina Rehm, non L. alpina Maubl.).

- franconica (Petrak) Müller in Sydowia, 4, p. 298, 1950. (Syn. Leptosphaeria derasa var. franconica Petrak).

johansoni Müller nom. nov. in Sydowia, 4, p. 238, 1950. (Syn. Metasphaeria arabidis Johanson, non L. arabidis Allesch.).

- ladina Müller in Sydowia, 4, p. 293, 1950 on Laserpitium halleri.—Switzerland.

- linearis (Sacc.) Müller in Sydowia, 4, p. 258, 1950. (Syn. Leptosphaeria culmifraga var. linearis Sacc.).

- napelli Müller in Sydowia, 4, p. 245, 1950 on Aconitum napellus.—Switzerland.

palustris Müller in Sydowia, 4, p. 207, 1950 on Typha latifolia.—Switzerland.

phaeospora Müller in Sydowia, 4, p. 208, 1950 on Artemisia campestris.—Switzerland.

pini (Cruchet) Müller in Sydowia, 4, p. 277, 1950. (Syn. Metasphaeria pini Cruchet).

- plantaginicola (Pat.) Petrak in Sydowia, 4, p. 496, 1950. (Syn. Sphaerella plantaginicola Pat.).

recutita (Fuck.) Müller in Sydowia, 4, p.

269, 1950. (Syn. Sphaeria recutita Fuck.).
- robusta (Strasser) Müller in Sydowia, 4, p. 298, 1950. (Syn. Leptosphaeria derasa f. robusta Strasser).

septemcellulata Müller in Sydowia, 4, p. 300, 1950 on Buphthalmum salicifolium.

Switzerland.

tenuis Müller in Sydowia, 4, p. 221, 1950 on Thalictrum aquilegifolium.—Switzerland.

thurgoviensis Müller in Sydowia, 4, p. 280, 1950 on dead grasses.—Switzerland. trollii (Karst.) Müller in Sydowia, 4, p. 249,

1950. (Syn. Metasphaeria trollii Karst.). viciae Müller in Sydowia, 4, p. 268, 1950 on

Vicia cracca.—Switzerland.

volkartiana Müller in Sydowia, 4, p. 210, 1950 on Trisetum distichophyllum.—Switzerland.

Leucocoprinus licmophorus (Berk. & Br.) Petch apud Petch & Bisby in Peradeniya Manual 6, p. 59, 1950. (Syn. Agaricus licenphorus Berk. & Br.).

Ligniella sharifii Esfandiari in Sydowia, 4, p. 27, 1950 on Juniperus polycarpa.—Iran.

Lophodermium violae von Arx in Sydowia, 4, p. 393, 1950 on Viola biflora.—Switzerland.

Macrophoma rotalae Thirumalachar Narasimhan in Sydowia, 4, p. 71, 1950 on Rotala aquatica.—India.

Marasmius campanella Holterm. var. rufescens (Berk. & Br.) Petch apud Petch & Bisby in Peradeniya Manual 6, p. 59, 1950. (Syn. Marasmius rufescens Berk. & Br.).

Mastigonectron affine (Ell. & Ev.) Petrak in Sydowia, 4, p. 403, 1950. (Syn. Harknessia affinis Ell. & Ev.).

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gigas (Krombh.) Herter in Rev. sudamer. Bot., 8, p. 161, 1950. (Syn. Helvella gigas Krombh.

- inflata (Cum.) Herter in Rev. sudamer. Bot., 8, p. 161, 1950. (Syn. Helvella inflata Cum.).

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Sydowia, 4, p. 102, 1950. (Syn. Tricholoma mirabile Bres.).

METAZYTHIA Petrak in Sydowia, 4, p. 373,

1950.—Sphaeropsidales.

- caespitosa Petrak in Sydowia, 4, p. 373, 1950 on a fungus on Chusquea serrulata.-Ecuador.

Microstroma cadabae Thirumalachar & Narasimhan in Sydowia, 4, p. 70, 1950 on

Cadaba indica.—India.

Molleriella sydowiana Petrak in Sydowia. 4, p. 501, 1950 on Solanum longevirgatum.

Ecuador.

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- pusilla Corner, A Monograph of Clavaria and Allied Genera, p. 697, 1950 on rotten wood.-

Malaya.

Mycolecidia lilliputiana Batista in Bol. Agric., Pernambuco, 16, p. 207, 1950 on

rotten wood.—Brazil.

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- barnadesiae Petrak in Sydowia, 4, p. 502, 1950 on Barnadesia parviflora.—Ecuador.

sodiroana Petrak in Sydowia, 4, p. 504, 1950 on Sapium sodiroi.—Ecuador.

sublibera Petrak in Sydowia, 4, p. 505, 1950 on Pilea melastomoides.—Ecuador.

- tungurahuana Petrak in Sydowia, 4, p. 507, 1950 on Eupatorium inulaefolium.—Ecuador.

Naucoria atomacea (Murr.) Singer in Sydowia, 4, p. 146, 1950. (Syn. Atylospora atomacea Murr.).

- melleiceps (Murr.) Singer in Sydowia, 4, p. 147, 1950. (Syn. Galerula melleiceps Murr.).

- praeandina Singer in Sydowia, 4, p. 149, 1950 on wood.—Argentina.

- subvelutina Singer in Sydowia, 4, p. 149,

1950.—Asia.

Nectria mindoensis Petrak in Sydowia, 4, p. 509, 1950 on rotten stems of Bambuseae.— Ecuador.

- tympaniformis Petrak in Sydowia, 4, p. 514, 1950 on rotten stems of Bambuseae.— Ecuador.

Nematostoma nervisequens Petrak in Sydowia, 4, p. 516, 1950 on Eupatorium. Ecuador.

NEODIMERIUM Petrak in Sydowia, 4, p. 341, 1950.—Dimerieae.

- sydowii Petrak in Sydowia, 4, p. 341, 1950 on leaves of Myrsinaceae. - Ecuador.

NEOPELTELLA Petrak in Sydowia, 4, p. 329,

1950.—Dictyopeltineae.

- aequatoriensis Petrak in Sydowia, 4, p. 329, 1950 on leaves of Bambuseae.— Ecuador.

NEOPHACIDIUM Petrak in Sydowia, 4,

p. 333, 1950.—Discomycetes.

macrocarpum (Pat.) Petrak in Sydowia. p. 335, 1950. (Syn. Phacidium macrocarpum Pat.).

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\* Oidium nephelii Hadiwidjaja in Landbouw, 22, p. 253. 1950 on Nephelium lappaceum. Indonesia.

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Polygonum maritimum.—Corsica.

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PARENCOELIA Petrak in Sydowia, 4, p. 349,

1950.—Encoelioideae.

- andina Petrak in Sydowia, 4, p. 350, 1950

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Parodiella smithiae Uppal, Patel, & Bhide in Indian Phytopathology, 2, p. 177, 1949 [1950] on Smithia bigemina.—India.

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- praeterita Jackson in Canad. J. Res., Sect. C. 28, p. 533, 1950 on wood.—Ontario,

Canada.

pruinosa (Pat.) Jackson in Canad. J. Res., Sect. C, 28, p. 530, 1950. (Syn. Corticium pruinosum Pat.).

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p. 545, 1950 on stems of Bambuseae.— Ecuador.

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Pholiotina altaica Singer in Sydowia, 4, p. 140, 1950.—Asia.

- procera Singer in Sydowia, 4, p. 142, 1950.

---Asia.

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Pernambuco, 16, p. 110, 1950 on Philodendron sp.—Brazil. Phyllostictina kobus (P. Henn.) Müller in

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graph of Clavaria and Allied Genera, p. 697, 1950 on dead wood.—Victoria, Australia. - brasiliensis (Rick) Corner, A Monograph of Clavaria and Allied Genera, p. 462, 1950.

(Syn. Baumanniella brasiliensis Rick) - corticola Corner, A Monograph of Clavaria and Allied Genera, p. 697, 1950 on dead bark.

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- tropica Corner, A Monograph of Clavaria and Allied Genera, p. 697, 1950 on wood.

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- asphodeli (Debray) Karling in Lloydia, 13, p. 48, 1950. (Syn. Cladochytrium asphodeli

Debray).

astomae (Rayss) Karling in Lloydia, 13, p. 60, 1950. (Syn. Urophlyctis astomae Rayss)

- hemisphaericum (Speg.) Karling in Lloydia, 13, p. 47, 1950. (Syn. Uromyces hemisphaericus Speg.).

- lathyri (Palm) Karling in Lloydia, 13, p. 57, 1950. (Syn. Urophlyctis lathyri Palm).
- leproides (Trabut) Karling in Lloydia, 13,

. 42, 1950. (Syn. Oedomyces leproides Trabut).

- limna[n]themi Thirumalachar in Indian Phytopathology, 2, p. 131, 1949 [1950] on Limnanthemum indicum.—India.

- meliloti (Maire) Karling in Lloydia, 13, p. 59, 1950. (Syn. Cladochytrium meliloti Maire).

- mouretti (Maire) Karling in Lloydia, 13, p. 60, 1950. (Syn. Urophlyctis mouretti Maire).

negeri Karling nom. nov. in Lloydia, 13, p. 52, 1950. (Syn. Urophlyctis magnusiana Neger, non Krieger).

- pluriannulatum (Berk. & Curt.) Karling in Lloydia, 13, p. 42, 1950. (Syn. Uromyces pluriannulatus Berk. & Curt.).

punctiformis (Speg.) Karling in Lloydia, 13, p. 56, 1950. (Syn. Urophlyctis punctiformis Speg.).

rayssi Karling nom. nov. in Lloydia, 13, p. 60, 1950. (Syn. *Urophlyctis eryngii* Rayss, non *P. eryngii* Corda).

rubsaameni (Magnus) Karling in Lloydia, 13, p. 49, 1950. (Syn. Urophlyctis rubsaameni Magnus).

- trifolii (Passerini) Karling in Lloydia, 13, p. 50, 1950. (Syn. Synchytrium trifolii Passerini).

- vagabunda (Speg.) Karling in Lloydia, 13, p. 54, 1950. (Syn. Protomyces vagabundus Speg.).

Pirottaea helvetica von Arx in Sydowia, 4, p. 397, 1950 on Knautia.—Switzerland.

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- bipindiensis (P. Henn.) Corner, A Monograph of Clavaria and Allied Genera, p. 478, 1950. (Syn. Typhula bipindiensis P. Henn.).

- cylindrospora (Atk.) Corner, A Monograph of Clavaria and Allied Genera, p. 480, 1950. (Syn. Typhula cylindrospora Atk.).

- elegantula (Karst.) Corner, A Monograph of Clavaria and Allied Genera, p. 480, 1950. (Syn. Typhula elegantula Karst.).

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fuscipes (Pers.) Corner, A Monograph of Clavaria and Allied Genera, p. 481, 1950. (Syn. Clavaria fuscipes Pers.).

 — gilva (Lasch) Corner, A Monograph of Clavaria and Allied Genera, p. 482, 1950. (Syn. Typhula gilva Lasch).

— glandulosa (Preuss) Corner, A Monograph of Clavaria and Allied Genera, p. 482, 1950. (Syn. Typhula glandulosa Preuss).

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— limicola (Saut.) Corner, A Monograph of Clavaria and Allied Genera, p. 483, 1950.

(Syn. Typhula limicola Saut.).

— lividula (Roll.) Corner, A Monograph of Clavaria and Allied Genera, p. 483, 1950.

(Syn. Typhula lividula Roll.).

misella (Berk. & Curt.) Corner, A Monograph of Clavaria and Allied Genera, p. 484, 1950. (Syn. Clavaria misella Berk. & Curt.).

— mycophila (Fekl.) Corner, A Monograph of Clavaria and Allied Genera, p. 484, 1950.

(Syn. Typhula mycophila Fekl.)

— oleae (Maire) Corner, A Monograph of Clavaria and Allied Genera, p. 485, 1950. (Syn. Typhula oleae Maire).

— paradoxa (Karst.) Corner, A Monograph of Clavaria and Allied Genera, p. 485, 1950.

(Syn. Clavaria paradoxa Karst.).

— peronata (Pers.) Corner, A Monograph of Clavaria and Allied Genera, p. 485, 1950. (Syn. Clavaria peronata Pers.).

— phaeosperma (P. Henn.) Corner, A Monograph of Clavaria and Allied Genera, p. 485, 1950. (Syn. Typhula phaeosperma P. Henn.).

— rhodocionides Corner, A Monograph of Clavaria and Allied Genera, p. 697, 1950 on dead pods of Cassia alata.—Malaya.

— spathulata Corner nom. nov., A Monograph of Clavaria and Allied Genera, p. 492, 1950. (Syn. Clavaria spathulata Peck, non Cher.)

— subfasciculata (E. & E.) Corner, A Monograph of Clavaria and Allied Genera, p. 492, 1950. (Syn. Typhula subfasciculata E. &

— subuncialis Corner, A Monograph of Clavaria and Allied Genera, p. 698, 1950 on

Juneus.—England.

— tenera Corner nom. nov., A Monograph of Clavaria and Allied Genera, p. 493, 1950. (Syn. Clavaria tenuis Schw., non Fr.).

(Syn. Clavaria tenuis Schw., non Fr.).

— tenuis (Fr.) Corner, A Monograph of Clavaria and Allied Genera, p. 493, 1950. (Syn. Typhula tenuis Fr.).

— thaxteri (Burt) Corner, A Monograph of Clavaria and Allied Genera, p. 501, 1950. (Syn. Pistillaria thaxteri Burt).

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1950. (Syn. Clavaria trichomorpha Schw.).
Plasmopara podagrariae (Otth ap. Trog)
Nannf. in Fungi Exsiccati Suecici Praesertim
Upsalienses, 33-34, p. 34, 1948. (Syn.
Peronospora podagrariae Otth. ap. Trog).

Pleospora davatchii Esfandiari in Sydowia, 4, p. 12, 1950 on Capparis spinosa.—Iran.

— exigua Müller nom. nov. in Sydowia, 4, p. 191, 1950. (Syn. Sphaerella pulchra Winter).

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Pluteus thomsoni (Berk. & Br.) Dennis in

Trans. Brit. mycol. Soc., 31, p. 206, 1947. (Syn. Entoloma thomsoni Berk. & Br.).

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Polyporus pusillus (Fr.) Cunningham in Proc. Linn. Soc. N.S.W., 75, p. 238, 1950. (Syn. Favolus pusillus Fr.).

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— brunneola Corner, A Monograph of Clavaria and Allied Genera, p. 698, 1950 on humus.— Malaya.

 debilis Corner, A Monograph of Clavaria and Allied Genera, p. 698, 1950 on dead Juncus,—England.

— dilatata (Mont.) Corner, A Monograph of Clavaria and Allied Genera, p. 510, 1950. (Syn. Clavaria dilatata Mont.).

 epiphylla Corner, A Monograph of Clavaria and Allied Genera, p. 698, 1950 on Ixonanthes icosandra.—Malaya.

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— filaris (Kalchbr.) Corner, A Monograph of Clavaria and Allied Genera, p. 511, 1950. (Syn. Clavaria filaris Kalchbr.).

- gordius (Speg.) Corner, A Monograph of Clavaria and Allied Genera, p. 513, 1950.

(Syn. Clavaria gordius Speg.).

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— janseniana (Holterm.) Corner, A Monograph of Clavaria and Allied Genera, p. 518, 1950. (Syn. Clavaria janseniana Holterm.).

 juruensis (P. Henn.) Corner, A Monograph of Clavaria and Allied Genera, p. 518, 1950. (Syn. Phaeopterula juruensis P. Henn.).

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- penniseti (P. Henn.) Corner, A Monograph of Clavaria and Allied Genera, p. 520, 1950. (Syn. Pistillaria penniseti P. Henn.).

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(Syn. Clavaria phyllophila Mealp.).

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- niesslii Müller nom. nov. in Sydowia, 4, p. 204, 1950. (Syn. Leptosphaeria gigaspora Niessl., non W. gigaspora Höhnel).

winteri (Niessl.) Müller in Sydowia, 4, p. 203, 1950. (Syn. Leptosphaeria winteri Niessl.).

Xenochora ingae (Stevens) Petrak in Sydowia. 4, p. 567, 1950. (Syn. Melasmia ingae Stevens)

XENOSTIGMELLA Petrak in Sydowia, 4,

p. 369, 1950.—Pyrenomycetes.

paradoxa Petrak in Sydowia, 4, p. 370, 1950 on leaves of ? Rubiaceae. - Ecuador.

Xylosphaeria adeana (Rehm) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium adeanum Rehm).

americana (Ell. & Ev.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium americanum Ell. & Ev.).

andicola (Speg.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium andicola Speg.).

antiqua (Ell. & Ev.) Petrak in Sydowia, p. 18, 1950. (Syn. Thyridium antiquum Ell. & Ev.).

- argentinensis (Speg.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium argentinense Speg.).

- boehmeriae (Speg.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium boehmeriae Speg.).

- cacheutensis (Speg.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium cacheutense Speg.).

ceanothi (Dearn. & House) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium ceanothi Dearn. & House).

cingulata (Mont.) Petrak in Sydowia, 4, p. 18, 1950. (Syn. Thyridium cingulatum (Mont.) Sacc.).

coffeicola (Speg.) Petrak in Sydowia, 4, (Syn. Thyridium coffeicola p. 19, 1950.

Speg.). - concinna (Petrak) Petrak in Sydowia, 4,

p. 19, 1950. (Syn. Thyridium concinnum Petrak). - desertorum (Petrak) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium desertorum Petrak).

- flava (Petch) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium flavum Petch).

- fusispora (Petrak) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium fusisporum Petrak).

- gorganensis Petrak in Sydowia, 4, p. 15,

1950 on Prunus.-Iran.

- livida (Pers.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium lividum (Pers.)

- macedonica (Petrak) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium macedonicum

Petrak).

nobilis (Petrak) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium nobile Petrak). - nobilis - pallida (Ell. & Ev.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium pallidum Ell. & Ev.).

personata (Berl. & Vogl.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium personatum

Berl. & Vogl.)

p. 19, 1950. (Speg.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium platense Speg.). pulchella (Sacc. & Speg.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium pulchellum Sacc. & Speg.).

 quimelensis (Speg.) Petrak in Sydowia,
 q. p. 19, 1950. (Syn. Thyridium quimelense Speg.).

- rechingeri (Petrak) Petrak in Sydowia, 4, . 19, 1950. (Syn. Thyridium rechingeri

rousseliana (Sacc. & Speg.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium rousselianum Sacc. & Speg.). - sambuci (Earle) Petrak in Sydowia, 4, (Syn. Thyridium sambuci p. 19, 1950.

Earle).

- semnanensis (Petrak) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium semnanense

- speciosa (Petrak) Petrak in Sydowia, 4, o. 19, 1950. (Syn. Thyridium speciosum

Petrak).

- stilbostoma (Ell. & Ev.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium stilbostomum Ell. & Ev.).

- syringae (Ell. & Ev.) Petrak in Sydowia, 4, p. 19, 1950. (Syn. Thyridium syringae

Ell. & Ev.).

tuberculata (Rehm) Petrak in Sydowia, 4, p. 20, 1950. (Syn. Thyridium tuberculatum

valparadisiaca (Speg.) Petrak in Sydowia, 4, p. 20, 1950. (Syn. Thyridium valpara-4, p. 20, 1950. (Syn.

disiacum Speg.).

vitis (Ell. & Ev.) Petrak in Sydowia, 4,
p. 20, 1950. (Syn. Thyridium vitis Ell. &
Ev.).

- yerbae (Speg.) Petrak in Sydowia, 4, p. 20, 1950. (Syn. Thyridium yerbae Speg.).

Zignoella sharifii Petrak in Sydowia, 4, p. 20, 1950 on Zygophyllum atriplicoides.—Iran.

## HOST INDEX

For Phanerogams see under families; for Algae, Pteriodophyta, and Fungi see under those names; for animal hosts see under Insecta and Invertebrata

AIZOACEAE

Mollugo nudicaulis Cystopus molluginicola

ALGAE Chlorophyceae

Farriola flava

Spirogyra Aphanomyces apophysii

AMARYLLIDACEAE

Bomarea caldasii Leptosphaeria bomareae

ARACEAE

Philodendron

Phyllosticta imbe Scindapsus

Pterula typhuloides ASCLEPIADACEAE

Tylophora asthmatica Cercospora tylophorae

BERBERIDACEAE Berberis integerrima Tryblidaria esfandiarii

BORAGINACEAE Cordia obliqua

Physalospora cordiae

BURSERACEAE

Canarium sikkimense Phyllachora sikkimensis CAPPARIDACEAE Cadaba indica

Microstroma cadabae

Capparis spinosa Ascochytella davatchii Pleospora davatchii

CAPRIFOLIACEAE

Lonicera alpigena Leptosphaeria albulae

CARYOPHYLLACEAE

Lepyrodiclis holosteoides

Septoria lepyrodiclidis Polycarpon tetraphyllum Peronospora polycarponis

CHLORANTHACEAE

Hedyosmum pavonii Cercospora hedyosmi

COMPOSITAE

Leptosphaeria compositarum

Artemisia campestris

Leptosphaeria phaeospora

Aster alpinus

Wettsteinina engadensis

Barnadesia parviflora

Cercosporella barnadesiae  $My cosphaerella\ barnadesiae$ 

Bellis perennis

Phoma (Phyllosticta) bellidis

Buphthalmum salicifolium

 $Leptosphaeria\ septem cellulata$ 

COMPOSITAE (continued) Callistephus chinensis Stemphylium callistephi Centaurea rhaponticum Venturia centaureae Centaurea scabiosa Leptosphaeria centaureae Clibadium rhytidophyllum Phyllachora clibadii Echinops Thyrostroma speciosum Eupatorium Nematostoma nervisequens Eupatorium inulaefolium Mycosphaerella tungurahuana Gynoxis Creangium sydowii Schiffnerula concinna Gynoxis chimborazensis Phialea tomentophila Gynoxis hallii Cercospora inopina Hieracium murorum Leptosphaeria brauni Liabum Gibbera quitensis Liabum eggersii Gibbera setosa Liabum hastatum Gibbera inconspicua Liabum pallatongense Gibbera andina Perezia carduncelloides Puccinia tunuyanensis Piptocarpha sodiroi Camarosporium insuetum Tessaria integrifolia Hormiscium aequatoriense Phyllachora tessariae Verbesima Bagnisiopsis andicola CONIFERAE Abies balsamea Cryptosporiopsis balsameae Abies grandis Cryptosporiopsis balsameae Cryptosporiopsis diversispora Juniperus polycarpa Ligniella sharifii Picea abies Cryptosporiopsis diversispora Pinus halepensis Scopularia halepensis CONVOLVULACEAE Convolvulus arvensis Peronospora convolvuli CUNONIACEAE Weinmannia spruceana Pestalotia weinmanniae CYPERACEAE Scleria bracteata Dothichloe insidiosa

Dothichloe insidios
DIPSACACEAE
Knautia
Pirottaea helvetica
ERICACEAE

Cavendishia compacta
Acrocladium fragile
EUPHORBIACEAE
Asterinella puyana
Asterostomula puyana
Bridelia roxburghiana
Stagonospora brideliae

Euphorbiaceae (continued)
Croton oblongifolius
Phyllachora gudalurensis
Glochidion neilgherrense
Bubakia indica
Kirganelia reticulata
Phakospora kirganeliae
Sapium sodiroi
Mycosphaerella sodiroana

Fungi Bagnisiopsis Graphium irradians Hypocrella chusqueae Epicrea insignis Meliola Cicinnobella ecuadorica Dimerium ecuadoricum Dimerium nobile Meliola ambigua Cicinnobella andicola Dimerium andicola Meliola capsicola Ectosticta mindoensis Phyllachora

Phyllachora
Allonectella rubescens
Phyllachora ulei
Parencoelia andina
Polystomellaceae
Cicinnobella stromaticola
Dimerium stromaticola
Trichothyrinula sydowii
Xenostigmella, etc.
Dimerium detectum

GENTIANACEAE Limnanthemum indicum Physoderma limnanthemi GNETACEAE Ephedra Teichospora ephedrae GRAMINEAE Alloteropsis cimicina Ramulispora alloteropsidis Arrhenatherum kotschyi Tuburcinia behboudii Arundinaria patula Papularia ecuadorensis Axonopus matthewsii Stagonospora procerula Bambuseae Nectria mindoensis Nectria tympaniformis Neopeltella aequatoriensis Pezicula bambusina Chusquea serrulata Helminthosporium chusqueae Metazythia caespitosa

Metazythia caespitosa
Deschampsia atropurpurea
Puccinia connersii
Dichanthium annulatum
Cylindrosporium dichanthii
Dimeria ornithopoda
Phyllachora indica

Distichlis stricta
Ascochyta subalpina
Elytrophorus africanus
Tilletia elytrophori
Eremochloa ciliaris

Eremochloa ciliaris
Sphacelotheca eremochloae
Haynaldia villosa
Puccinia haynaldiae

Puccinia hordei-maritimi

Heteropogon triticeus
Sphacelotheca heteropogonis-triticei
Hordeum maritimum

AMINEAE (continued) schaemum rugosum Sorosporium ischaemi anicum virgatum Ascochyta missouriensis ennisetum ?bambusiforme Cercospora tungurahuensis hragmites karka Ustilago phragmitis accharum officinarum Chaetomium fibripilium accharum spontaneum var. Lacellina sacchari risetum distichophyllum Leptosphaeria volkartiana ulpia membranacea Puccinia corniculata ulpia myuros Puccinia vulpiae-myuri JTTIFERAE 7ismia Aphanopeltis andina Elachopeltis andina 7ismia obtusa

Pestalotia vismiae Phomopsis vismiae AMAMELIDACEAE Liquidambar styraciflua

Cryptosporella beltsvillensis **IPPOCRATEACEAE** ? Hippocratea Chaetothyrium molliuscula

CACINACEAE Mappia foetida Cylindrosporium mappiae Camponotus Hymenostilbe camponoti

Coleopterous larva Akanthomyces angustispora

Hapithus agitator quadratus Insecticola clavata NVERTEBRATA (other than insecta) Spiders

Hymenostilbe verrucosa

UNCACEAE Pistillaria subuncialis Pterula debilis

ABIATAE Leucas stelligera Cercosporella leucadis LAURACEAE

Actinodaphne hookeri Phyllachora actinodaphnes

LECYTHIDACEAE Careya arborea Cercospora careyae LEGUMINOSAE

Albizzia lebbek Helminthosporium albizzicola

Cassia alata Pistillaria rhodocionides Cassia fistula

Phleospora cassiae Crotalaria semperflorens Synchytrium crotuiariae

Dalbergia sissoo Hysterographium dalbergiae

Dalbergia volubilis Cercospora dalbergicola Lathyrus latifolius Peronospora lathyrina Medicago falcata Leptosphaeria blumeri Mezoneurum cucullatum Elsinoe mezoneuri Phaca alpina Pyrenopeziza phacae Phaseolus vulgaris Ramularia phaseolina Psoralea glandulosa

Helminthosporium erythrinae

Cercospora psoraleae Smithia bigemina Parodiella smithiae

LEGUMINOSAE (continued)

Erythrina suberosa

Phyllachora jacarandae Vicia cracca

Leptosphaeria viciae Wagatea spicata

Helminthosporium wagateae

Agapanthus umbellatus Mycosphaerella agapanthi Allium victorale

Hypoderma allicina Pyrenopeziza allicina

Yucca gloriosa. ? Ceuthospora gloriosa.

LINACEAE Ixonanthes icosandra Pterula epiphylla LORANTHACEAE

Loranthus sp. Uromyces nilagiricus Oryctanthus florulentus Parodiopsis sydowii

LYTHRACEAE Rotala aquatica Macrophoma rotalae

MALVACEAE Hibiscus syriacus Corynespora hibisci Thespesia populnea Cercosporella thespesiae

MELASTOMACEAE Centronia excelsa Asterina centroniae Synostomella nervicola

Miconia pichinchensis Helminthosporium insuetum

Miconia ? theaezans Cryptocline andina Lasiostemmella sydowii Stemphylium dichroum

MELIACEAE Cedrela toona Discella cedrelae

MYRSINACEAE Neodimerium sydowii

Embelia ribes Physalospora anamalaiensis Pseudopeziza indica

MYRTACEAE Eugenia cerina Dimorphocystis laevis

Dimorphocystis subcapitatus Jambosa laeta Plowrightia indica Syzigium montanum

Diplodia longipedicellatum

Orchidaceae Coelogyne Gloeosporium zonatum Habenaria dilatata Puccinia connersii

PALMAE

Borassus flabellifer
Sphaerodothis borassi
Copernicia cerifera

Phyllosticta cearensis

POLYGONACEAE

Atraphaxis spinosa Coniothyrium atraphaxidis

Polygonum chinense

Ustilago tumeformis
Polygonum maritimum

Ovularia corsica Polygonum sachalinense Gyrothyrium westerdijkiae

Polygonum viviparum Venturia polygoni-vivipari

PTERIDOPHYTA Alsophila hirta

Helicosporium insuetum

Diplazium linebergii Polycyclus marginalis Dryopteris diplazioides

Fusarium mindoanum
Pteridium

Lachnum tungurahuense

RANUNCULACEAE
Aconitum napellus
Leptosphaeria napelli

Clematis vitalba

Puccinia hordei-maritimi Delphinium

Diplodina delphinii
Thalictrum aquilegifolium
Leptosphaeria tenuis

RHAMNACEAE

Scutia myrtina Septoglocum scutiae

ROSACEAE

Prunus Xylosphaeria gorganensis

RUBIACEAE

Xenostigmella paradoxa Nauclea

Pezolepis naucleae Rutaceae

Feronia elephantum Septogloeum feroniae

SALICACEAE

Populus euphratica Stemphylium iranicum Populus hybrida

Septoria davatchii SALVADORACEAE

Azima tetracantha Cercosporella azimae

Santalaceae Santalum album Ascochyta santali SAPINDACEAE

Nephelium lappaceum Oidium nephelii

? Pometia alnifolia Pterula typhuloides Sapindus emarginatus

Cercospora sapindi-emarginati

SCROPHULARIACEAE Pedicularis foliosa

Didymella pedicularidis

SOLANACEAE

Cestrum

Phomopsis andina

Solanum

Asterina grisea

Phaeodimeriella sydowii Solanum crinitipes

Cryptoparodia bispora

Solanum longevirgatum Molleriella sydowiana

STERCULIACEAE

Buettneria
Asterostomula patula

Echidnodes patula Phyllachora condigna Theobroma cacao

Unguiculella caespitosa

SYMPLOCACEAE

Symplocos foliosa Camarotella symploci

Symplocos spicata
Ascomycetella symploci

THEACEAE

Eurya nervosa Cercospora caloloma

TILIACEAE

Triumfetta rhomboidea Cercosporella triumfettae

Typha latifolia

Leptosphaeria palustris

UMBELLIFERAE

Laserpitium halleri Cladosporium ladinum Leptosphaeria ladina

URTICACEAE

Pilea melastomoides Mycosphaerella sublibera

VIOLACEAE

Viola biflora

Lophodermium violae

VITACEAE Vitis vinifera

Stigmina esfandiarii

ZINGIBERACEAE

Costus

Pterula subtyphuloides Elettaria cardamomum

Catacauma elettariae

ZYGOPHYLLACEAE
Zygophyllum atriplicoides
Zignoella sharifii